MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY 1953

ROBERT W. SLOANE, DIRECTOR

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Beirut, Lebanon

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WEATHER BUREAU

JANUARY 1953
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	66.4	64.8	64.5	65.2	17.6	12.9	13.2	16.4	14.6	14.7
2	64.4	63.3	63.3	63.7	22.2	17.2	17.6	19.9	18.7	18.7
3	62.7	61.6	61.3	61.9	24.2	17.5	19.8	19.8	18.4	19.3
4	59.6	63.1	64.2	62.3	24.3	14.1	24.2	19.2	16.4	19.9
5	65.7	64.9	65.3	65.3	18.5	13.7	15.4	18.3	14.9	16.2
6	65.8	63.0	61.5	63.4	17.7	14.2	14.9	17.4	16.5	16.3
7	57.2	54.8	57.2	56.4	21.4	13.3	15.6	20.8	17.8	18.1
8	60.7	61.2	61.5	61.1	17.9	13.7	15 6	17.0	15.0	15.9
9	62 1	60.3	59.3	60.6	17.7	11.9	15.6	17.0	14.6	15.7
10	57.3	54.1	54.0	55.1	17.3	10.2	14.3	17.2	12.2	14.6
11	54.6	54.9	56.5	55.3	14.6	6.8	10.5	7.8	13.1	10.5
12	60.7	60.8	62.6	61.3	13.7	9.6	10.9	13.6	11.3	11.9
13	64.3	63.5	63.7	63.8	16.3	11.7	13.0	16.1	12.7	13.9
14	62.9	61.3	62.2	62.1	17.2	10.7	13.6	17.2	13.4	14.7
15	61.2	61.2	61.1	61.2	14.1	7.6	12.2	11.4	9.9	11.2
16	61.6	61.9	63.1	62.2	13.3	8.9	10.8	12.4	10.7	11.3
17	66 8	66.2	66.6	66.5	14.5	9.4	9.4	12.9	11.8	11.4
18	63.2	60.9	59.7	61.3	17.5	13.7	13.9	17.1	15.6	15.5
19	59.7	59.3	60.8	59.9	17.3	12.2	16.3	16.1	14.3	15.6
20	63.2	62.9	63.6	63.2	16.3	12.2	14.1	16.0	12.9	14.3
21	64.1	61.1	60.7	62.0	17.6	13.1	13.6	17.0	15.6	15.4
22	60.6	60.0	60.1	60.2	15.6	9.7	14.7	14.6	13.1	14.1
23	59.5	60.0	61.1	60.2	14.0	8.8	10.8	9.3	10.2	10.1
24	63.1	63.9	65.2	64.1	15.6	9.3	13.6	14.8	11.4	13.3
25	66.7	65.8	65.0	65 8	13.7	10.0	10.0	11.0	10.6	10.5
26	66.8	65.4	64.9	65.7	14.7	12.0	10.2	14.8	12.8	12.6
27	63.2	61.9	62.9	62.7	18.0	14.1	14.7	17.7	15.6	16.0
28	64.0	63.8	64.9	64.2	18.0	13.1	14.8	17.7	14.7	15.7
29	64.3	62.9	63.1	63.4	17.6	12.5	15.2	17.5	15.6	16.1
30	62.3	61.5	61.5	61.8	16.7	11.8	14.3	16.5	14.1	15.0
31	61.3	60.1	60.0	60.5	17.0	12.4	13.6	16.6	15.3	15.2
	62.45	61.62	61.98	62.01	17.17	11.88	14.08	15.84	13.99	14.64

Barometer, range for month 766.8 mm. — 754.0 mm.
„ 71-yr. average for month 763.18 mm.
Thermometer, range for month 24.3°C — 6.8°C
„ 71-yr. average for month 13.72°C
Rain total for month 233.67 mm.
„ 71-yrs average for month 190.28 mm.
„ Total, Sept. 1st. to end of month 563.85 mm.
„ 71-yrs. average. Sept. 1st. to end of month 564.55mm.

JANUARY 1953

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	8.3	10.7	9.2	9.4	56	56	58	57	8.1	314.0	
2	8.8	11.5	9.9	10.1	42	51	44	46	5.8	272.0	
3	15.8	17.4	13.3	15.5	68	75	65	69	8.3	167.0	
4	10.6	13.5	13.1	12.4	35	60	70	55	2.7	454.0	
5	12.1	11.8	13.5	12.5	69	56	78	68	6.7	137.0	1.52
6	11.5	11.2	13.1	11.9	67	58	71	65	9.0	356.0	
7	10.1	12.6	12.8	11.8	57	53	64	58	7.3	591.0	
8	14.0	14.2	13.0	13.7	79	72	76	76	5.4	370.0	17.27
9	12.5	14.2	12.9	13.2	71	71	79	74	5.4	338.0	0.25
10	9.6	10.2	12.3	10.7	59	51	88	66	7.8	966.0	4.07
11	11.8	10.1	12.4	11.4	94	95	81	90	0.0	623.0	64.77
12	10.9	9.6	12.3	10.9	82	64	94	80	1.4	457.0	28.95
13	10.1	10.6	7.4	9.4	69	58	50	59	6.7	393.0	14.73
14	6.5	8.3	9.6	8.1	44	41	64	50	9.3	246.0	
15	9.2	8.8	7.1	8.4	66	68	59	64	1.1	641.0	2.54
16	8.8	9.6	9.2	9.2	69	68	73	70	2.9	459.0	10.67
17	11.0	11.0	11.4	11.1	94	75	83	84	1.3	386.0	17.02
18	8.3	10.7	6.9	8.6	52	53	39	48	0.4	430.0	
19	6.5	10.6	10.1	9.1	37	57	62	52	3.1	834.0	
20	8.3	9.7	9.2	9.1	54	54	63	57	1.2	385.0	
21	8.3	10.7	10.6	9.9	54	53	59	55	2.7	240.0	
22	12.0	7.8	8.3	9.4	72	48	56	59	4.8	1141.0	14.99
23	10.9	11.0	10.5	10.8	86	91	86	88	0.3	744.0	35.06
24	10.1	8.7	10.5	9.8	66	52	75	64	5.6	478.0	6.09
25	12.3	12.8	10.9	12.0	99	97	86	94	3.7	328.0	12.19
26	11.8	10.5	10.5	10.9	97	63	73	78	4.5	298.0	3.55
27	6.5	11.3	7.8	8.5	39	55	44	46	5.8	406.0	
28	8.7	13.3	12.0	11.3	50	66	73	63	7.4	14.0	
29	8.3	13.2	13.5	11.7	50	68	77	65	9.4	143.0	
30	10.6	13.6	12.5	12.2	65	71	77	71	9.1	214.0	
31	9.6	8.3	13.5	10.5	63	44	79	62	9.6	140.0	
	10.12	11.21	10.94	10.76	64.7	62.7	69.2	65.6	5.06	418.23	7.54

Height of Barometer above sea level : **33.7** meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	3cu	1.0	1se	1nw	1se	light	
2	9cu	4cu	10st	7.7	1e	3n	1se	,,	
3	2cu-ci	6cu	7cu-st	5.0	3ne	1n	1s	,,	Tr., P M.
4	8cu	9cu-st	9cu-st	8.7	3s	3sw	1se	,,	Tr. H., P.M.
5	1cu	10cu-ci	9cu-ni	6.7	1s	1sw	1s	slight	H., all day
6	1cu	2ci-st	0	1.0	1e	3n	3ne	light	
7	0	0	9cu-st	3.0	0	3sw	4w	,,	H., a.m.
8	9cu-ni	9cu-ni	9cu-ni	9.0	3sw	3sw	1	slight	T., at night
9	1cu-ni	3cu	3cu-st	5.3	2sw	1nw	0	,,	
10	4cu	5cu	10ni	6.3	3s	5sw	4sw	,,	W., P.M.
11	10ni	10ni	9cu-ni	9.7	1se	2s	2sw	slight	T., p.m Snow.mont.
12	10cu-ni	10cu-ni	10ni	10.0	1s	2s	1s	light	
13	9cu-ni	4cu	0	4.3	2s	3sw	1se	,,	
14	0	0	0	0.0	2e	2n	1e	,,	
15	8cu-st	10ni	0	6.0	1e	3sw	1ne	,,	
16	9cu-ni	10cu-ni	5cu-st	8.0	2se	2s	1se	light	Snow on mountains
17	10ni	10ni	10st	10.0	2se	2w	1e	,,	
18	10cu-st	10cu-st	10cu-st	10.0	2e	4ne	1e	,,	
19	10cu-st	10cu-ni	9cu-ni	9.7	2s	4sw	4sw	,,	W., Tr., p.m.
20	10st	10cu-st	9cu	9.7	3s	3sw	1e	,,	
21	10st	10cu-st	10cu	10.0	1se	1ne	1e	light	Tr., p.m.
22	9cu-ni	5cu	9cu-ni	7.7	4sw	4sw	3ne	slight	W. a.m. Tr., p.m.
23	10cu-ni	10cu-ni	10cu-ni	10.0	3sw	2se	2sw	,,	
24	9cu-ni	7cu	5cu-ni	7.0	4nw	3w	1sw	,,	
25	10ni	10ni	9cu-ni	9.7	2sw	1s	1s	light	
26	10ni	7cu-ci	8cu-st	8.3	1s	1n	1ne	light	
27	10st	10ci-st	10ci-st	10.0	4e	3n	1e	,,	
28	10ci-st	1cu-ci	0	3.7	1e	1w	1e	,,	
29	5ci	0	0	1.7	1s	1n	3ne	,,	D., a. m.
30	0	7ci	0	2.3	1n	2n	1se	,,	
31	2cu-ci	8ci	10cu-st	6.7	1e	1n	1ne	,,	
				6.72					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	1	8	5	9	5	0	1	1	31
14:30	9	2	0	1	4	10	3	2	0	31
20:30	0	6	7	6	5	5	1	0	1	31
Total	10	9	15	12	18	20	4	3	2	93

Number of days with rain 15, fog 0, thunderstorms 2, gale 0.
71 yr. av. number of days with rain during month 15.67